

Fig. 1

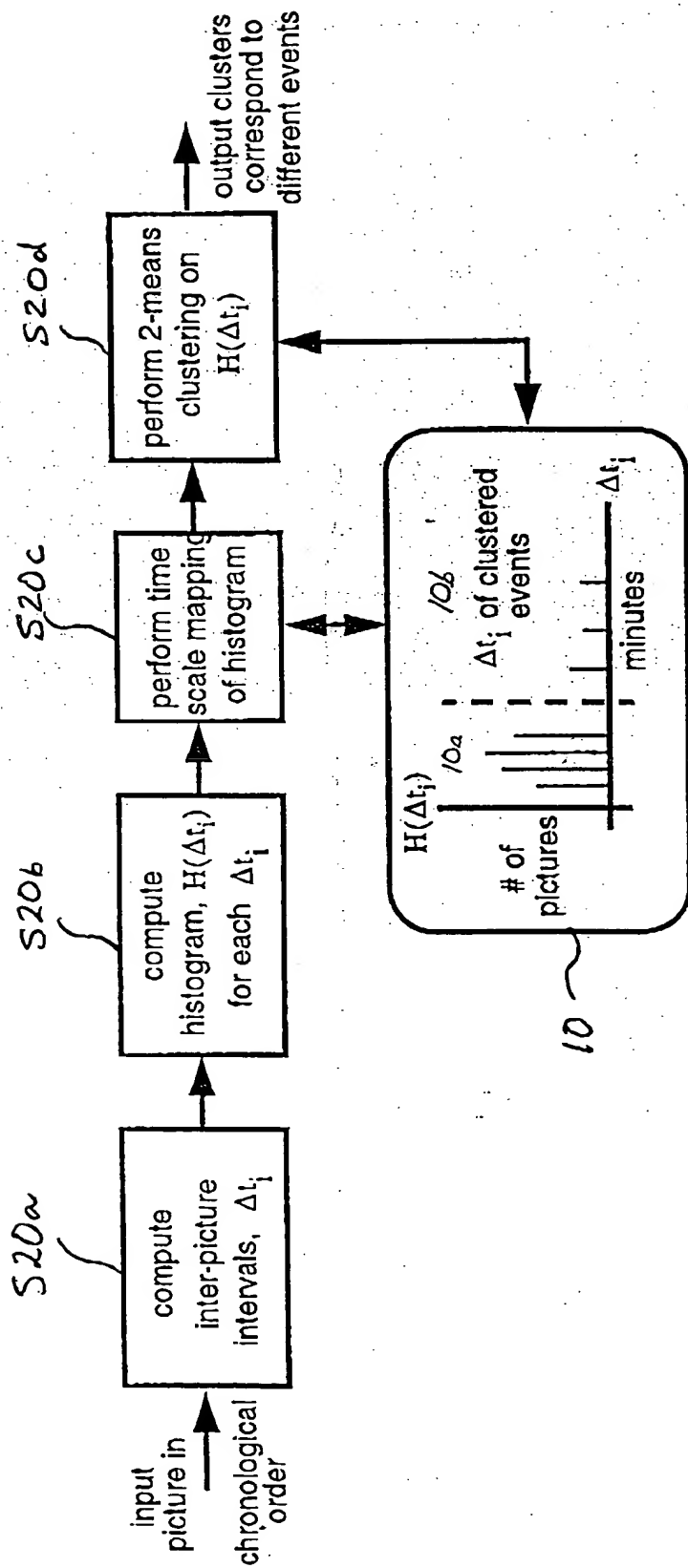


Fig. 2

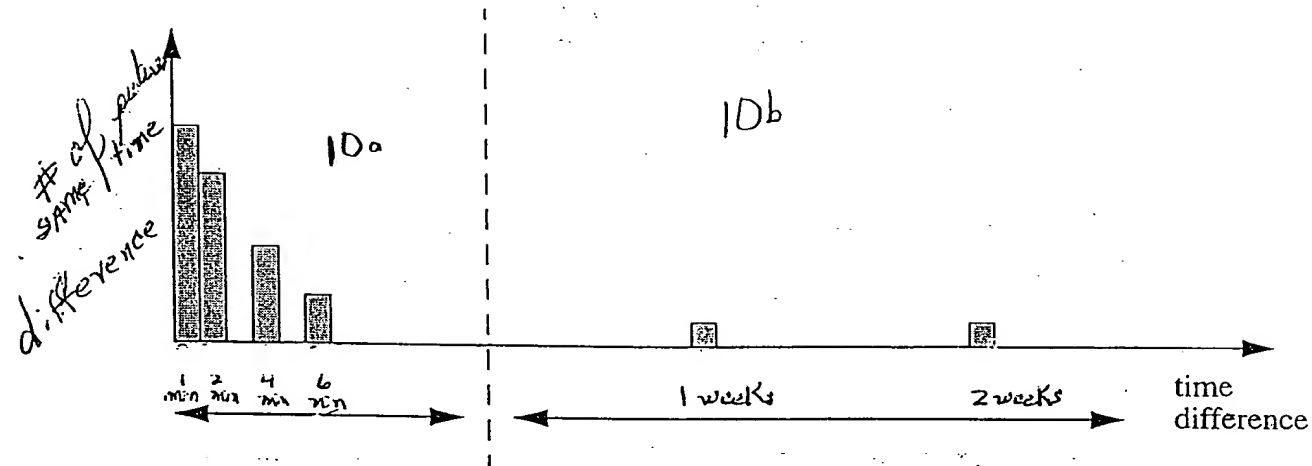


Fig. 4

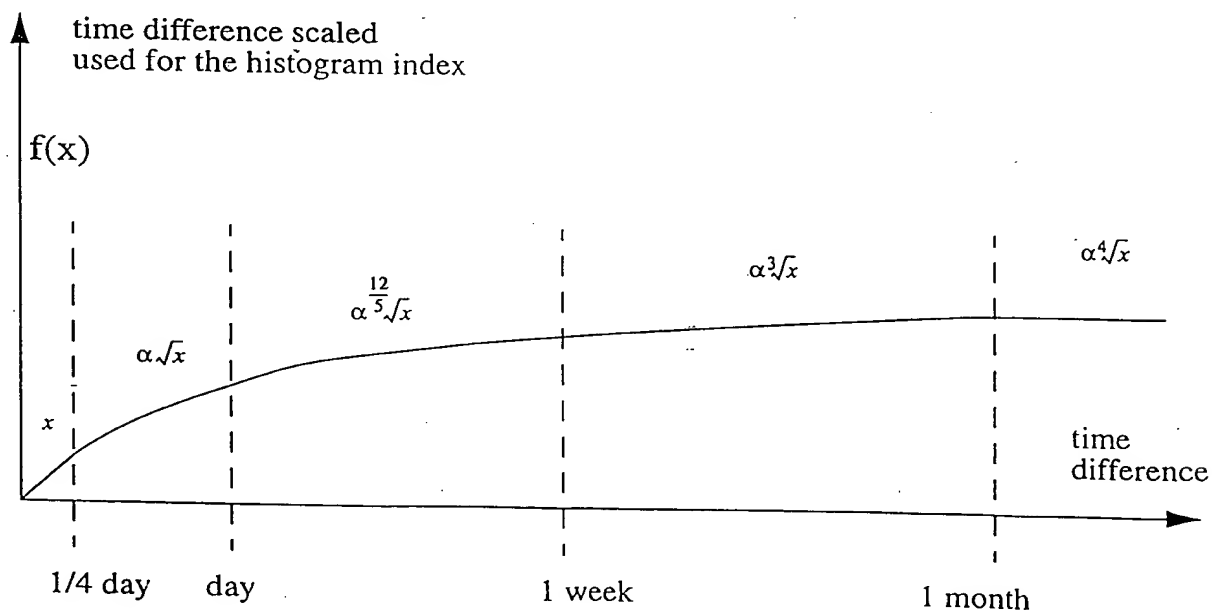


Fig. 3

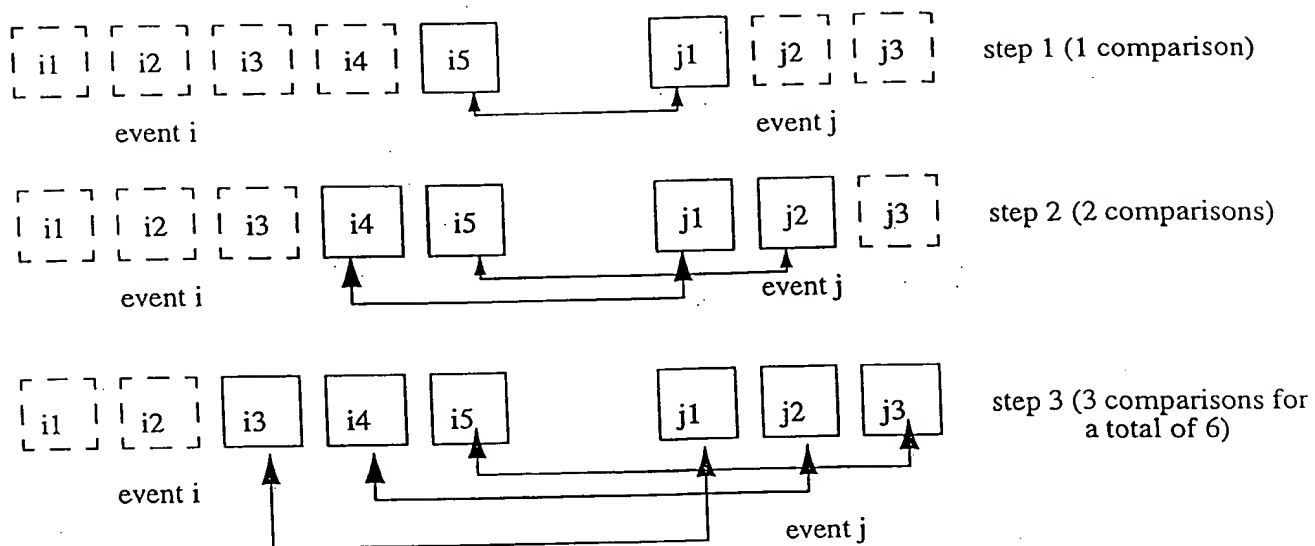


Fig. 5

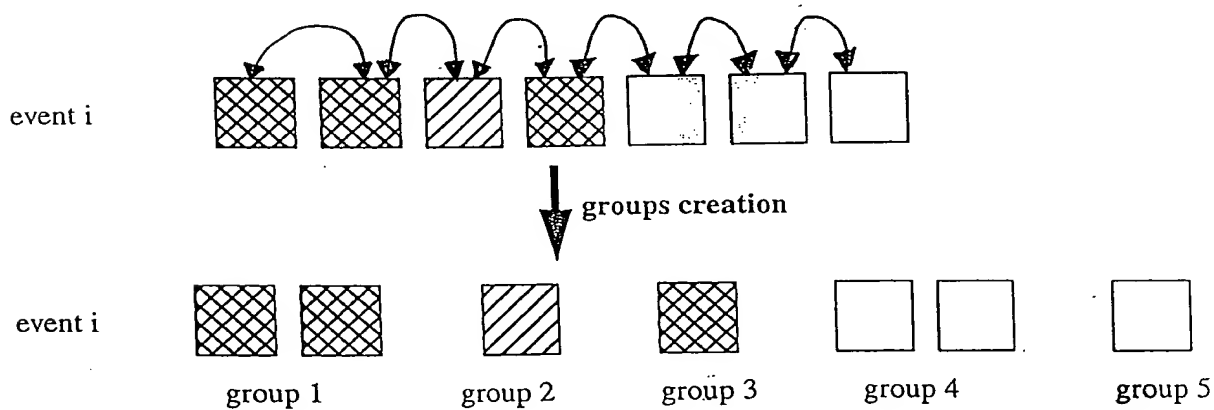


Fig. 6

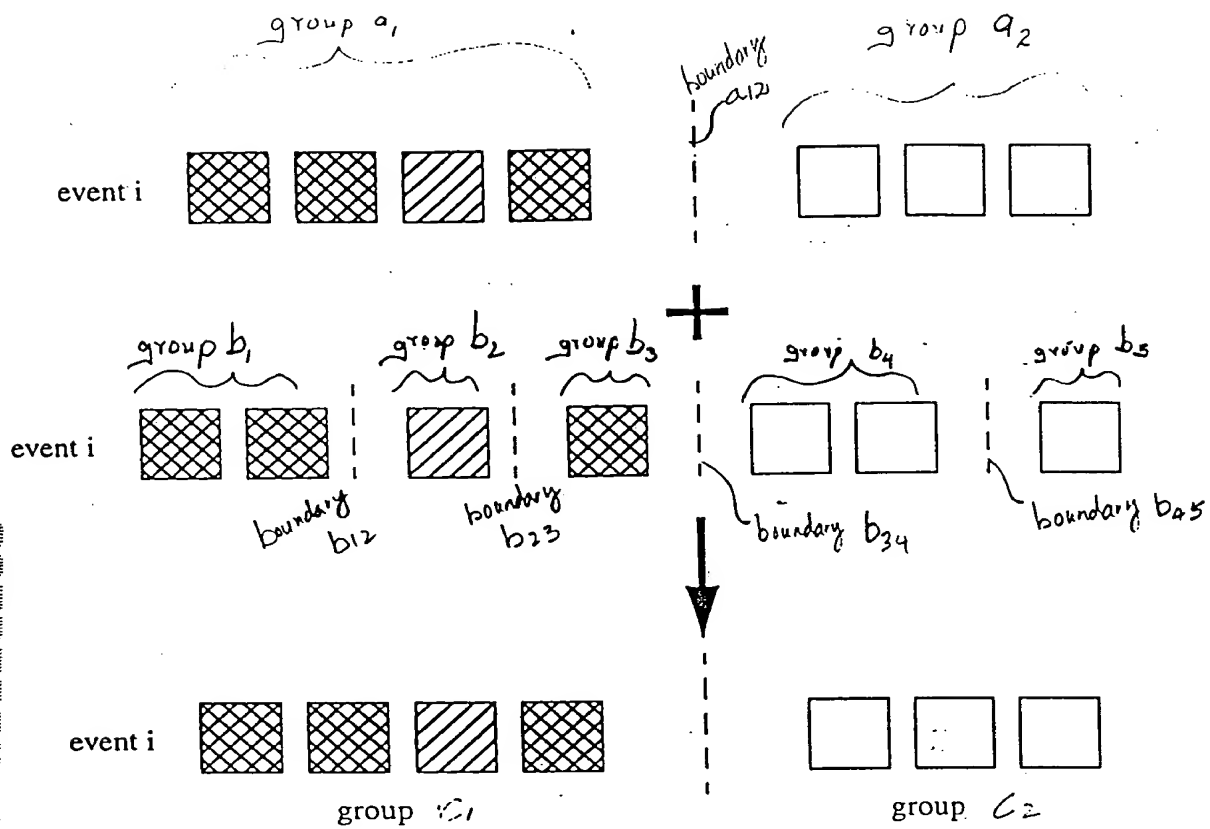


Fig. 7

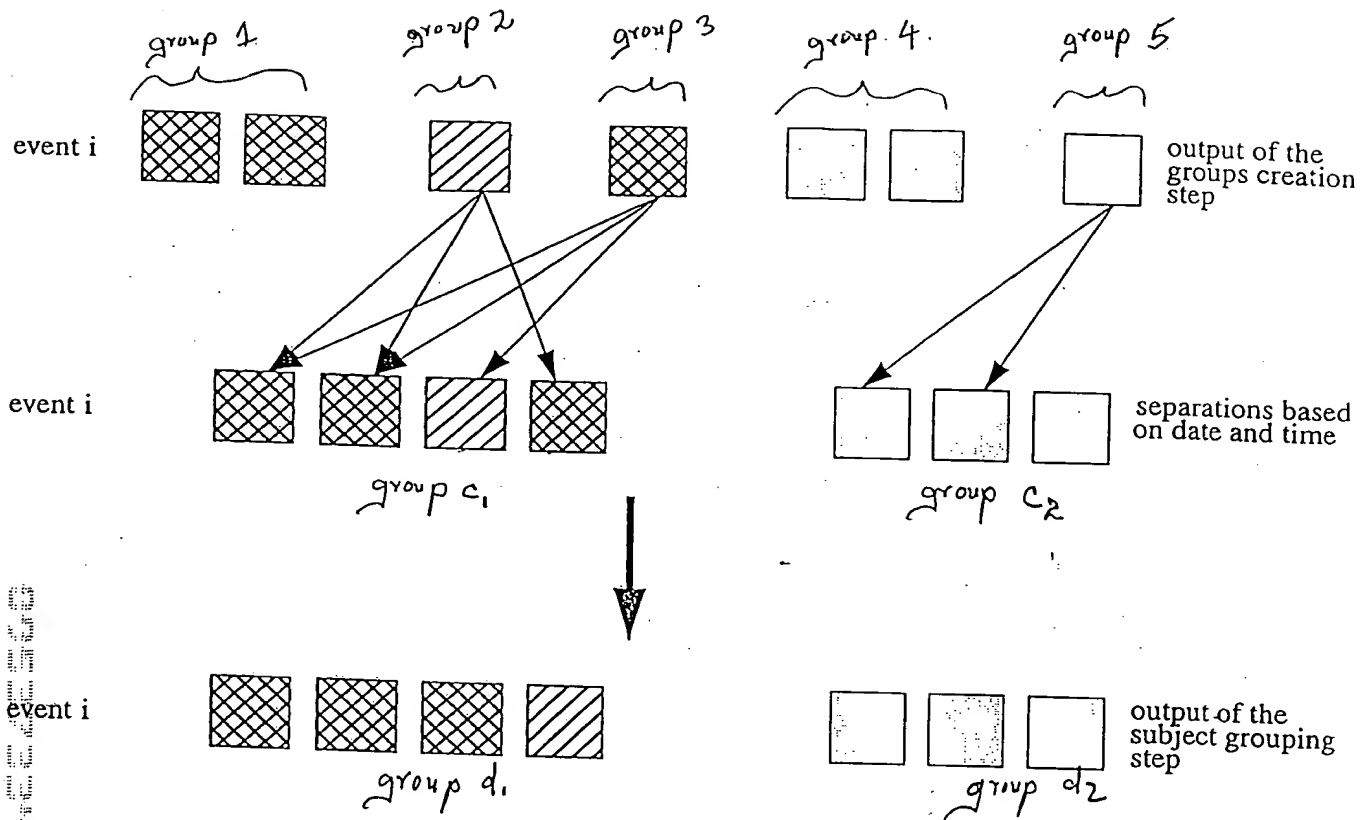


Fig. 8

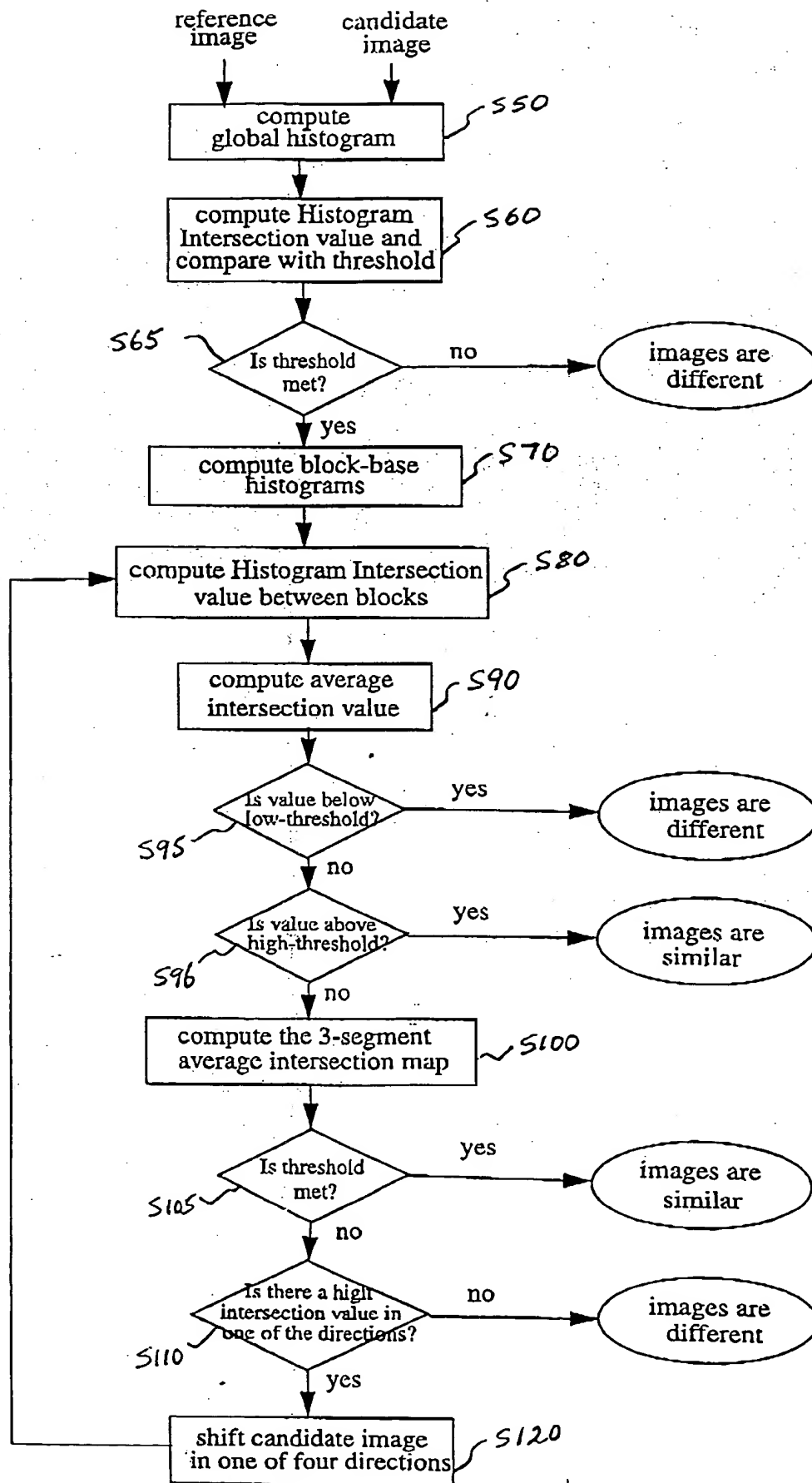


Fig. 9

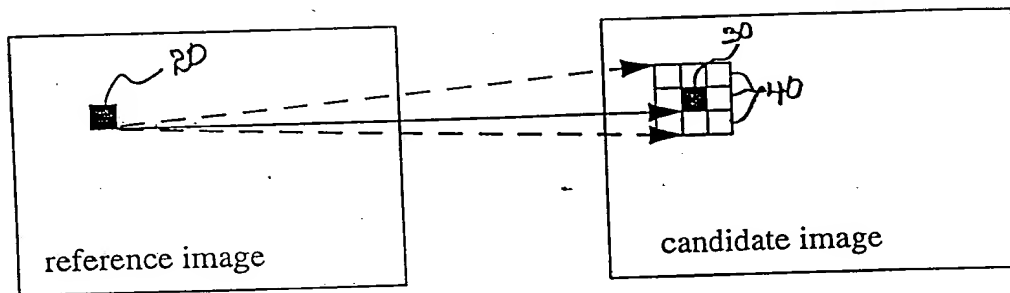


Fig. 10



70a			<u>60</u> 70b			70c		
0.32	0.45	0.11	0.34	0.56	0.76	0.87	0.24	0.09
0.22	0.10	0.07	0.41	0.48	0.80	0.77	0.44	0.26
0.03	0.16	0.37	0.46	0.68	0.69	0.75	0.21	0.02
0.21	0.34	0.24	0.56	0.87	0.51	0.48	0.11	0.14
0.26	0.22	0.19	0.27	0.38	0.23	0.31	0.12	0.25
0.01	0.08	0.18	0.15	0.18	0.21	0.12	0.20	0.21

Fig. 11

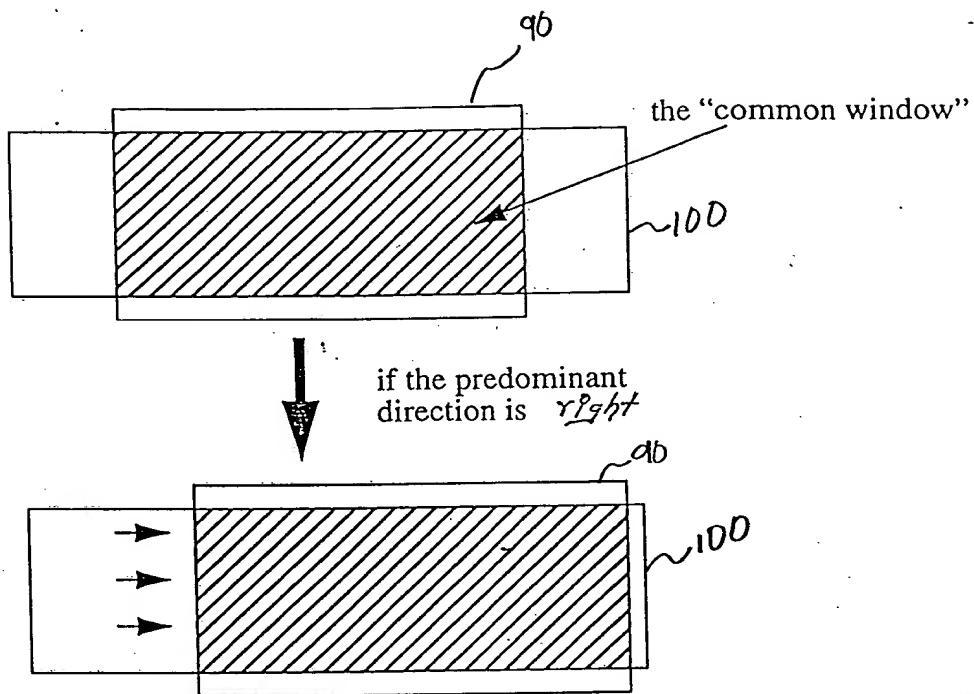
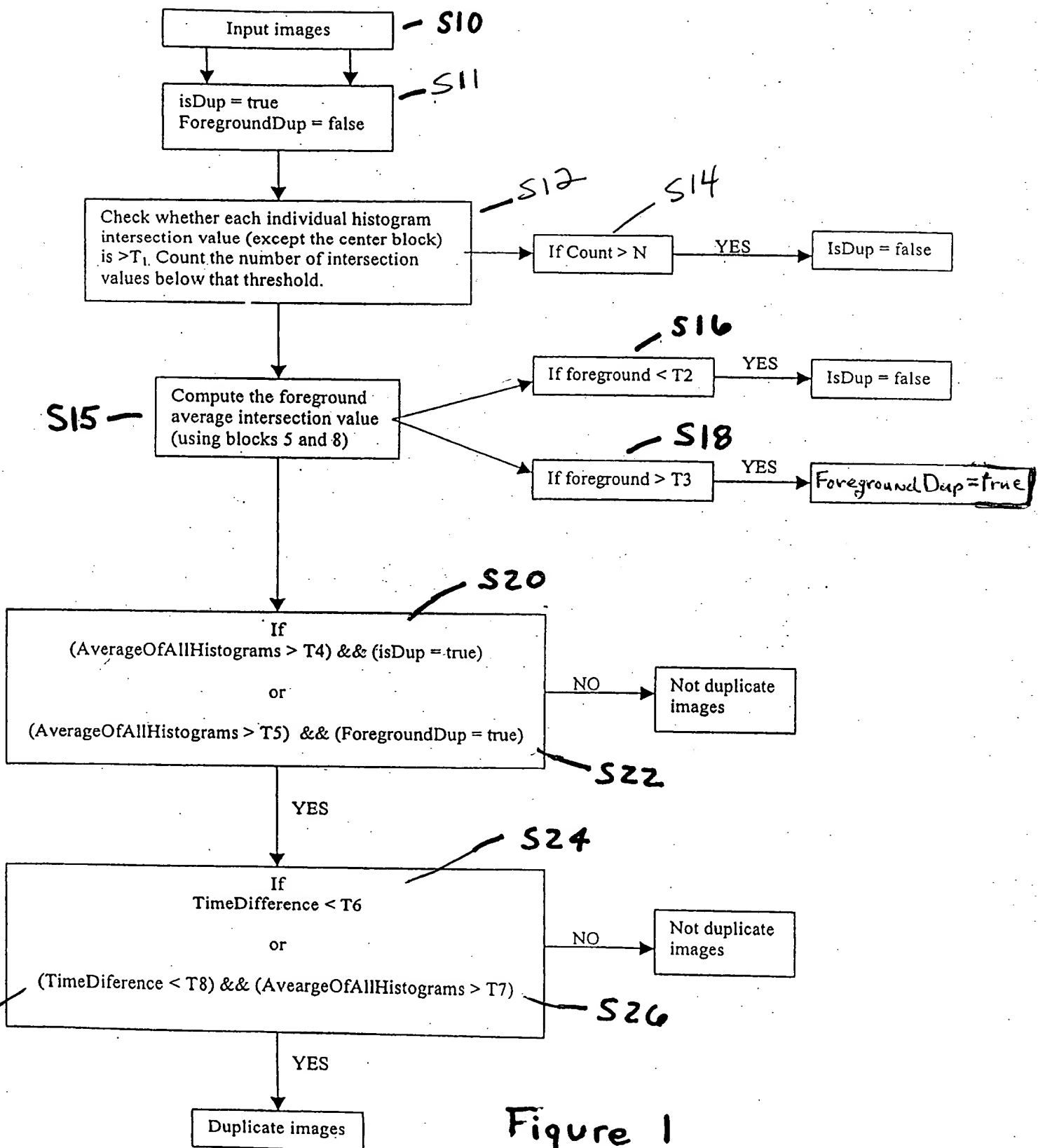


Fig. 12



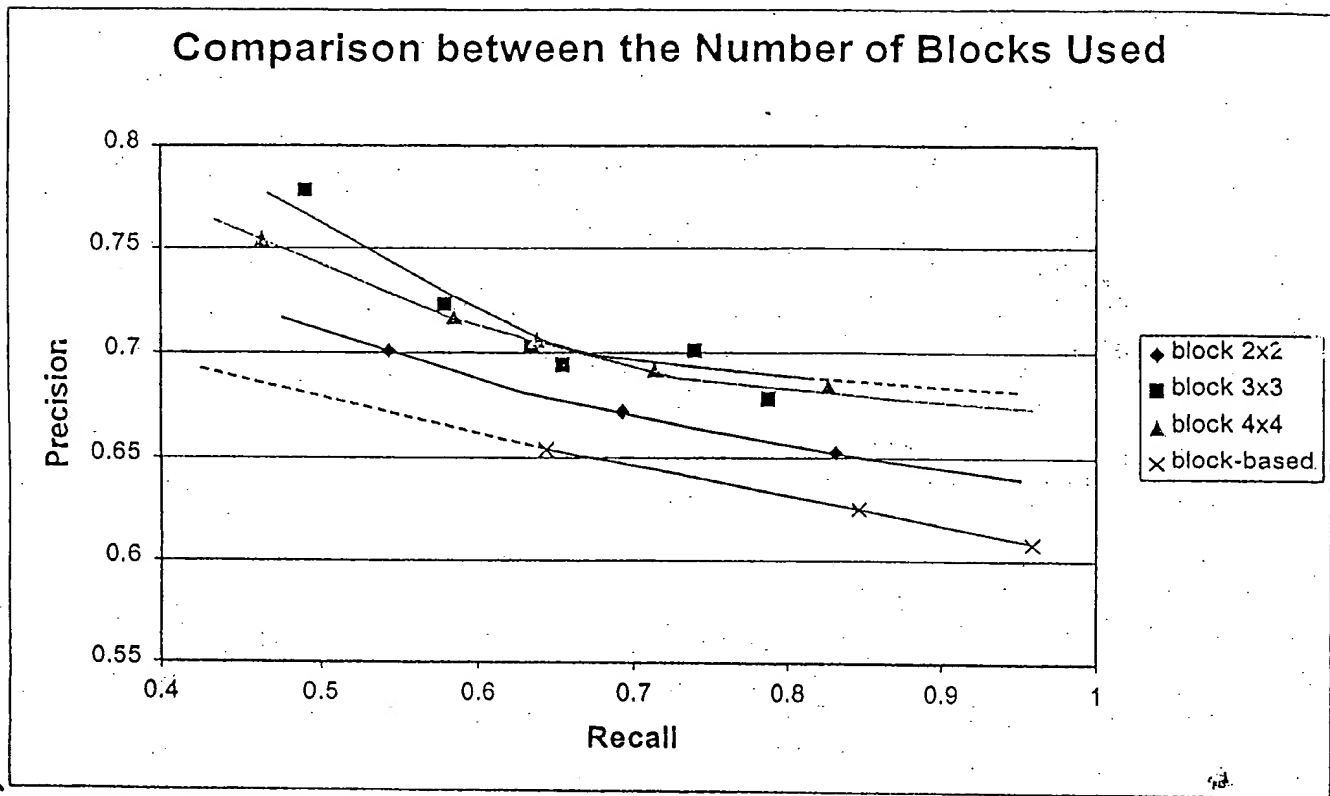


Figure 2 Comparison between the number of blocks used.

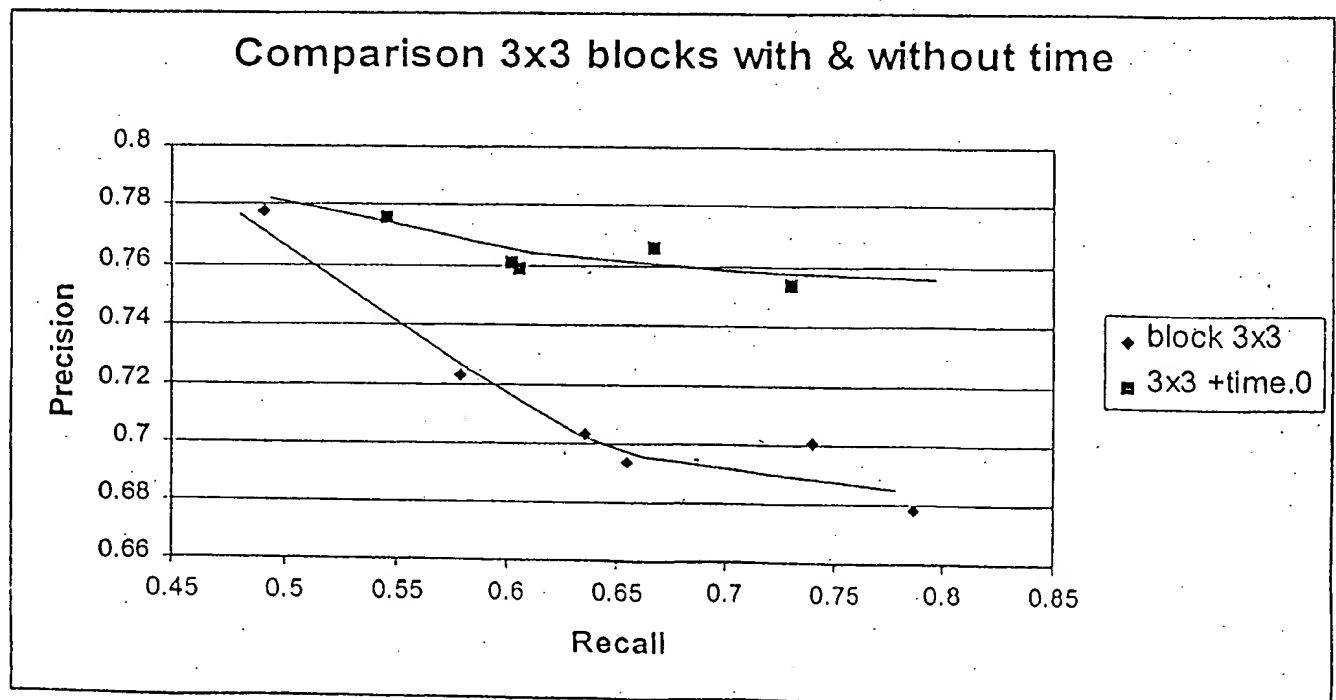


Figure 3 Comparison 3x3 blocks with and without time

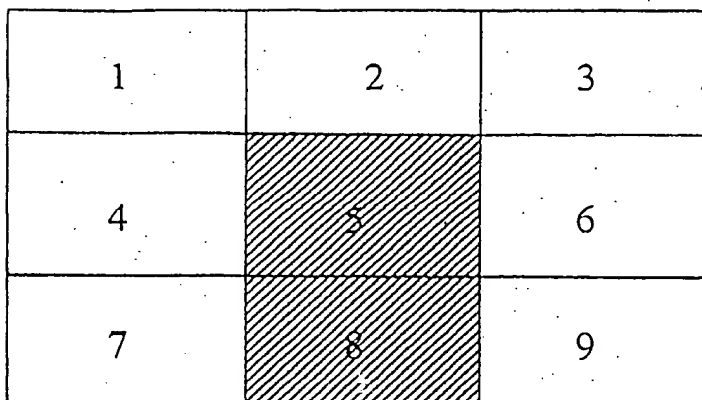


Fig. 4 Representation of blocks 5 and 8 in an image

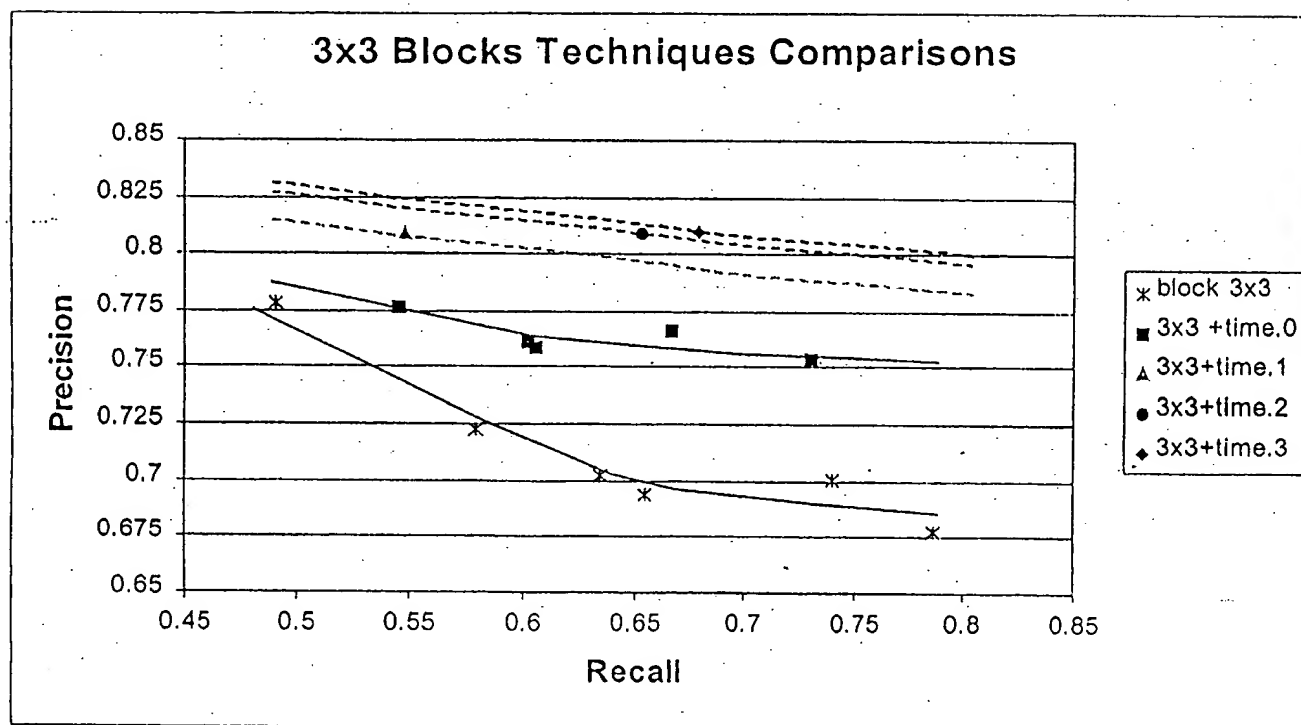
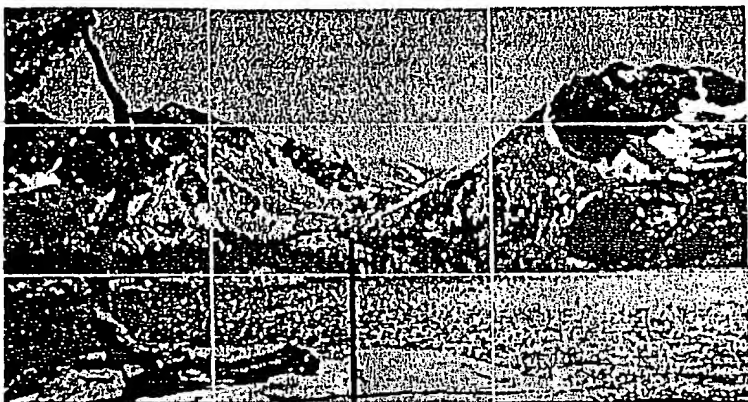


Figure 6 3x3 Blocks Techniques Comparison

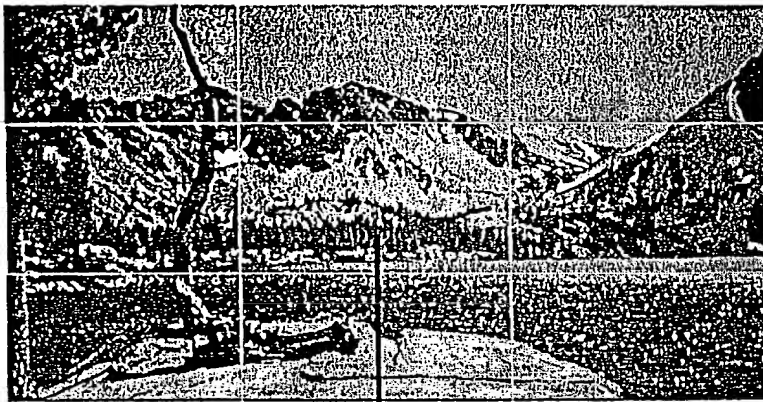
Block-based histogram technique	3x3 blocks technique	3x3 blocks technique with time information	3x3 blocks technique with time final version
R = 0.644	R = 0.655 (+1.7%)	R = 0.667 (+1.8%)	R = 0.679 (+1.9%)
Pr = 0.654	Pr = 0.694 (+6.1%)	Pr = 0.766 (+10.4%)	Pr = 0.810 (+5.7%)

Figure 7

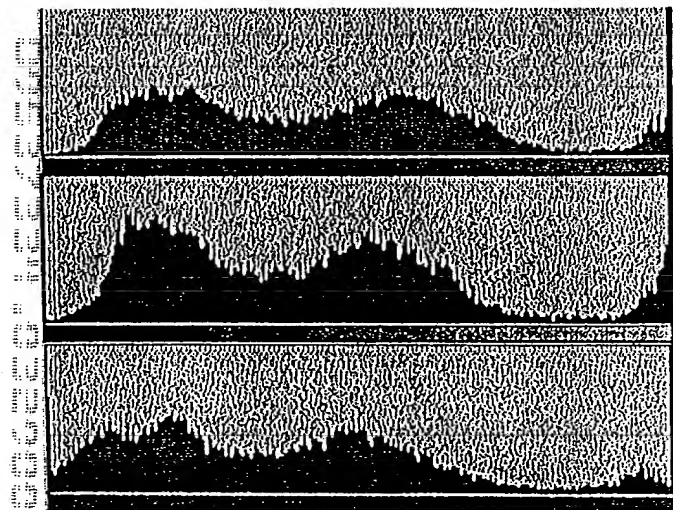
Figure 5 gives an illustration of how the blocks of each image are compared to each other using color histograms.



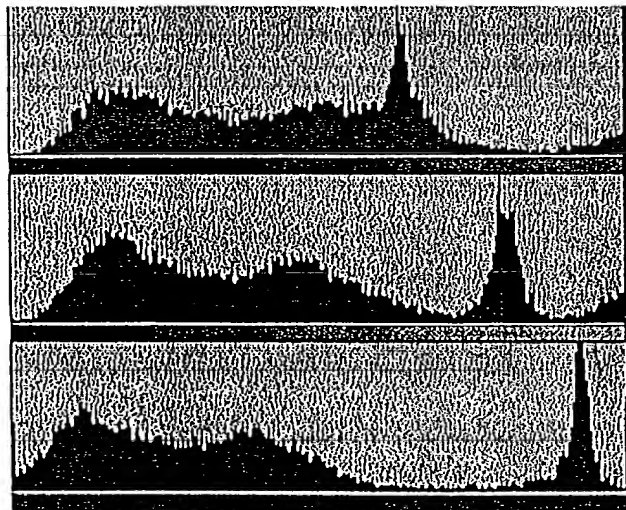
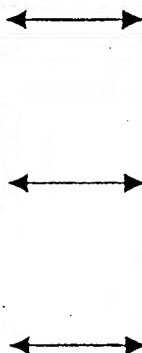
Picture A



Picture B



Color histograms (R, G, B) of the center block of Picture A



Color histograms (R, G, B) of the center block of Picture B

FIG. 5A

FIG. 5B

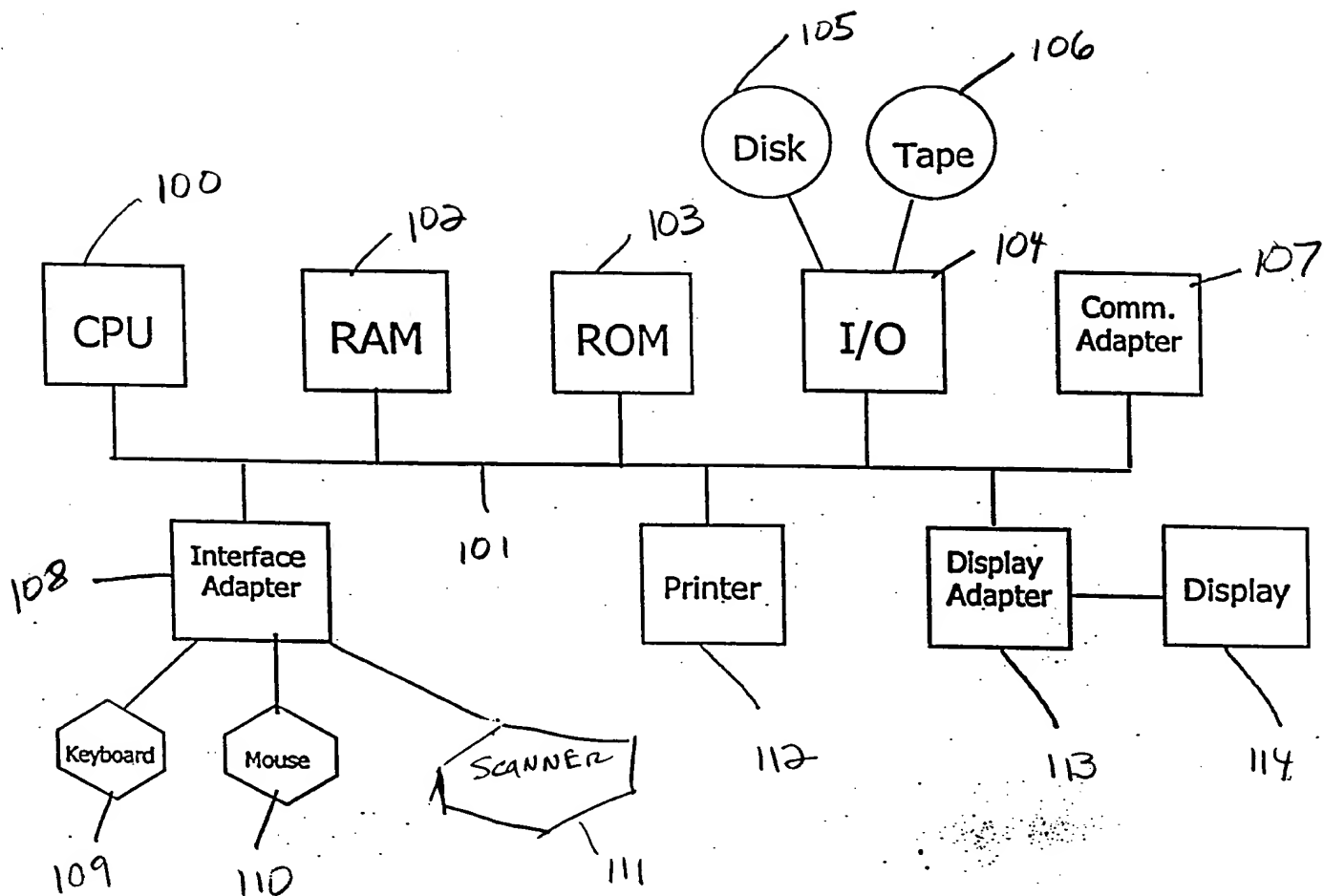


FIG. 8